

## ABSTRACT

A transmissible connecting mechanism, wherein a cam plate (28) and a lever (23) are attached respectively to a lead air control valve shaft (27) and an air-fuel mixture throttle valve shaft (22) which are arranged so as to form an angle; a spring (46) urging a lead air control valve in a valve closing direction is arranged in the lead air control valve shaft (27), and a spring (45) urging an air-fuel mixture throttle valve in the valve closing direction is arranged in the air-fuel mixture throttle valve shaft (22); a length of a contact element (24) provided in the lever (23) is extended in parallel to an axis of the air-fuel mixture throttle valve shaft (22), and the length of the contact element (24) is formed in such a length that the contact element (24) and a cam surface formed in a cam plate (28) are always brought into contact with each other; and the lead air control valve shaft and the air-fuel mixture throttle valve shaft of the carburetor which are arranged so as to form the angle are connected in a transmissible manner, and it is possible to make a stratified scavenging two-cycle engine compact without making a sacrifice of a field area of the stratified scavenging two-cycle engine in a height direction.